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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

APR 11 2001

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In re Application of: Stoughton et al.

Application No.: 09/374,565

Group Art Unit: 1631

Filed: August 13, 1999

Examiner: Siu, S.

For: METHODS FOR IDENTIFYING  
PATHWAYS OF DRUG ACTION

Attorney Docket No.: 9301-058

## FEE TRANSMITTAL SHEET

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The fee required to be filed with the accompanying amendment of even date herewith concerning the above-identified application has been estimated to be \$0.

The claim amendment fee has been estimated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY		
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	45	MINUS	45	=	0	× 9	\$ 0.00		× 18	\$
INDEP.	7	MINUS	7	=	0	× 40	\$ 0.00		× 78	\$
☐ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						135	\$		270	\$
						TOTAL	\$ 0.00	OR	TOTAL	\$

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150.  
A copy of this sheet is enclosed.

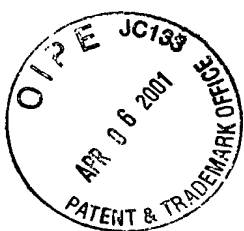
Respectfully submitted,

Date April 6, 2001

Adriane M. Antler 32,605  
Adriane M. Antler (Reg. No.)

PENNIE & EDMONDS LLP  
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Enclosure



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AMENDMENT UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed on October 23, 2000 in connection with the above-identified patent application and in accordance with Rule 111 of the Rules of Practice, please enter the following amendments and consider the following remarks. Applicants submit concurrently herewith: (1) a Petition for Extension of Time (in duplicate) for a period of three months from January 23, 2001 up to and including April 23, 2001, accompanied by the appropriate fee; (2) an Amendment Fee Transmittal (in duplicate) accompanied by the appropriate fee; and (3) a List of References Cited By Applicant listing references AH and AI, and copies of references AH and AI.

IN THE CLAIMS:

Please amend the claims as follows:

Amend claims 41-42, 44, 48-50, 54, 61-62, 69, 74 and 76-87 as follows:

B1  
Sub 7  
C2

41. (Twice Amended) A computer system for identifying biological pathways involved in the action of a drug in a cell type comprising a processor and a memory coupled to said processor, said memory encoding one or more programs, said one or more programs causing said processor to perform a method comprising the steps of: